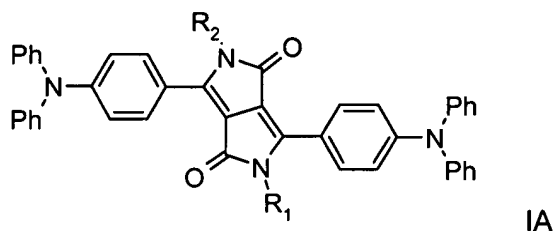


## In the Claims

Kindly amend the claims as follows.

**1-21. (cancelled).**

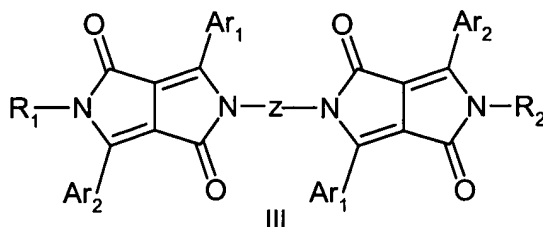
**22. (currently amended):** An electroluminescent diketopyrrolopyrrole according the formula



where  $R_1$  and  $R_2$  are  $C_1$ - $C_8$ alkyl or phenyl or naphthyl which phenyl or naphthyl can be substituted one to three times with  $C_1$ - $C_8$ alkyl,  $C_1$ - $C_8$ alkoxy, halogen or phenyl.

**23. (currently amended):** An electroluminescent diketopyrrolopyrrole according to claim 22 where  $R_1$  and  $R_2$  are methyl.

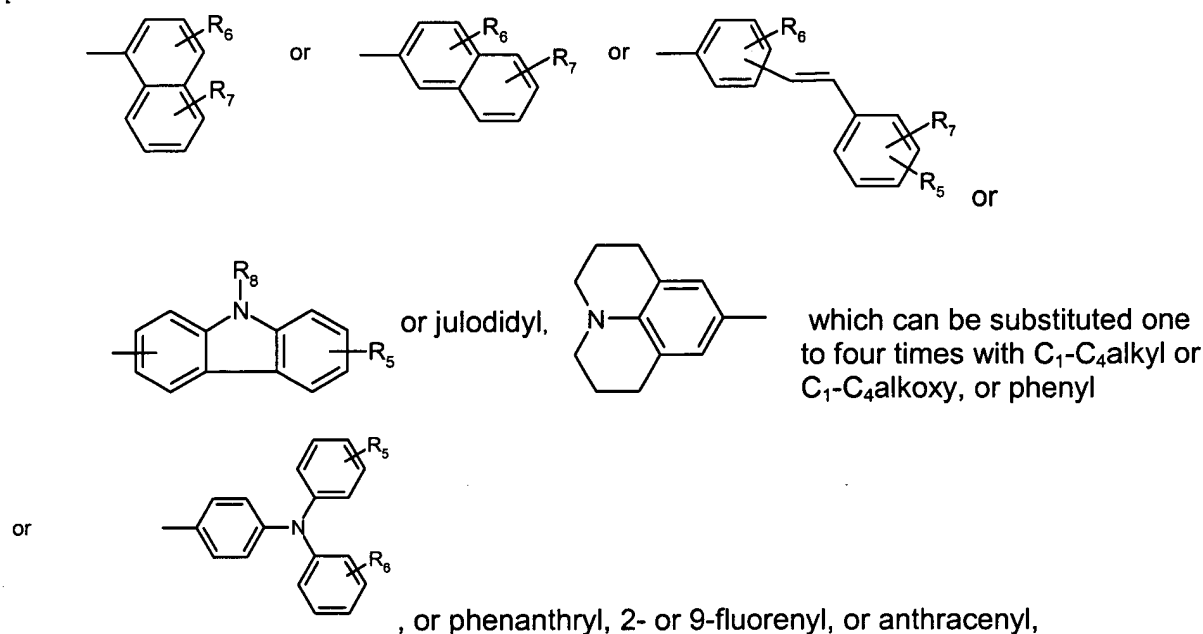
**24. (new):** Fluorescent diketopyrrolopyrroles ("DPP") represented by formula III



wherein  $R_1$  and  $R_2$ , independently from each other, stand for  $C_1$ - $C_{25}$ -alkyl, allyl which can be substituted one to three times with  $C_1$ - $C_3$ alkyl or  $Ar_3$ , or  $-CR_3R_4-(CH_2)_m-Ar_3$ , wherein  $R_3$  and  $R_4$  independently from each other stand for hydrogen,  $C_1$ - $C_4$ alkyl, or phenyl which can be substituted one to three times with  $C_1$ - $C_3$  alkyl,

$Ar_3$  stands for phenyl or 1- or 2-naphthyl which can be substituted one to three times with  $C_1$ - $C_8$ alkyl,  $C_1$ - $C_8$ alkoxy, halogen or phenyl, which can be substituted with  $C_1$ - $C_8$ alkyl or  $C_1$ - $C_8$ alkoxy one to three times, and  $m$  stands for 0, 1, 2, 3 or 4,

$Ar_1$  and  $Ar_2$ , independently from each other, stand for



wherein

$R_5$ ,  $R_6$  and  $R_7$ , independently from each other, stand for hydrogen, cyano, halogen,  $C_1$ - $C_6$ alkyl,  $-NR_8R_9$ ,  $-OR_{10}$ ,  $-S(O)_nR_8$ ,  $-Se(O)_nR_8$ , or phenyl, which can be substituted one to three times with  $C_1$ - $C_8$ alkyl or  $C_1$ - $C_8$ alkoxy, and  $n$  stands for 0, 1, 2 or 3,

wherein  $R_8$  and  $R_9$ , independently from each other, stand for hydrogen, phenyl,  $C_1$ - $C_{25}$ -alkyl,  $C_5$ - $C_{12}$ -cycloalkyl,  $-CR_3R_4-(CH_2)_m-Ph$ ,  $R_{10}$ , wherein

$R_{10}$  stands for  $C_6$ - $C_{24}$ -aryl, or a saturated or unsaturated heterocyclic radical comprising five to seven ring atoms, and  $m$  stands for 0, 1, 2, 3 or 4, wherein the ring consists of carbon atoms and one to three hetero atoms selected from the group consisting of nitrogen, oxygen and sulfur, wherein  $Ph$ , the aryl and heterocyclic radical can be substituted one to three times with  $C_1$ - $C_8$ alkyl,  $C_1$ - $C_8$ alkoxy, or halogen; or

$R_8$  and  $R_9$  stand for  $-C(O)R_{11}$ , wherein  $R_{11}$  can be  $C_1$ - $C_{25}$ -alkyl,  $C_5$ - $C_{12}$ -cycloalkyl,  $R_{10}$ ,  $-OR_{12}$  or  $-NR_{13}R_{14}$ , wherein

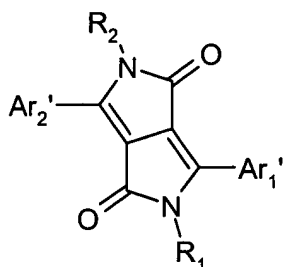
$R_{12}$ ,  $R_{13}$ , and  $R_{14}$  stand for  $C_1$ - $C_{25}$ -alkyl,  $C_5$ - $C_{12}$ -cycloalkyl,  $C_6$ - $C_{24}$ -aryl, or  $R_5$ ,  $R_6$  and  $R_7$ , independently of one another, stand for a saturated or unsaturated heterocyclic radical comprising five to seven ring atoms, wherein the ring consists of carbon atoms and one to three hetero atoms selected from the group consisting of nitrogen, oxygen and sulfur, wherein heterocyclic radical can be substituted one to three times with  $C_1$ - $C_8$ alkyl or  $C_1$ - $C_8$ alkoxy, or  $-NR_8R_9$  stands for a five- or sixmembered heterocyclic radical in which  $R_8$  and  $R_9$  together stand for tetramethylene, pentamethylene,  $-CH_2-CH_2-O-CH_2-CH_2-$ , or  $-CH_2-CH_2-NR'_5-CH_2-CH_2-$ , wherein  $R'_5$  stands for hydrogen, cyano, halogen,  $C_1$ - $C_6$ alkyl,  $-OR_{10}$ ,  $-S(O)_nR_8$ ,  $-Se(O)_nR_8$ , or

phenyl, which can be substituted one to three times with C<sub>1</sub>-C<sub>8</sub>alkyl or C<sub>1</sub>-C<sub>8</sub>alkoxy, and n stands for 0, 1, 2 or 3,

and wherein Z stands for a diradical selected from the group consisting of a single bond, C<sub>2</sub>-C<sub>6</sub>alkylene, which can be substituted one to three times with C<sub>1</sub>-C<sub>4</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkoxy, or phenyl, phenylene or naphthylene,

with the proviso that R<sub>6</sub> and R<sub>7</sub> do not stand simultaneously for hydrogen;

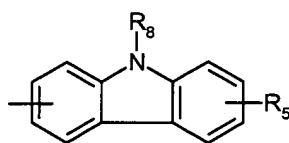
or formula I



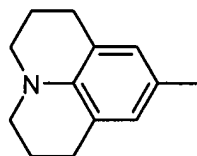
I

, wherein R<sub>1</sub> and R<sub>2</sub> are as defined above, and Ar<sub>1</sub>' and Ar<sub>2</sub>' independently

from each other, stand for



, julolidyl,



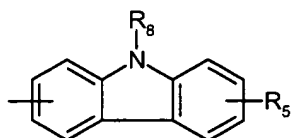
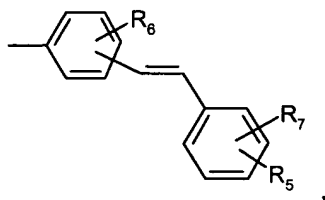
which can be substituted one to four times with C<sub>1</sub>-C<sub>4</sub>alkyl or C<sub>1</sub>-C<sub>4</sub>alkoxy,

or phenanthryl, 2- or 9-fluorenyl, or anthracenyl,

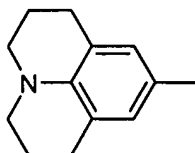
wherein R<sub>5</sub> and R<sub>8</sub> are as defined above.

**24. (new):** Fluorescent diketopyrrolopyrroles ("DPP") represented by formula III according to claim 23

wherein Ar<sub>1</sub> and Ar<sub>2</sub>, independently from each other, stand for

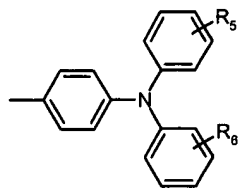


or julolidyl,



which can be substituted one to four times with C<sub>1</sub>-C<sub>4</sub>alkyl or C<sub>1</sub>-C<sub>4</sub>alkoxy, or phenyl

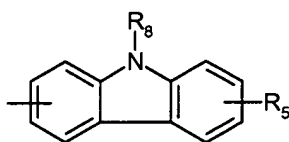
or



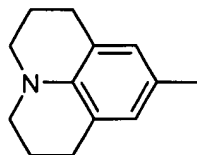
or 2- or 9-fluorenyl.

**25. (new):** Fluorescent diketopyrrolopyrroles ("DPP") represented by formula III according to claim 23 wherein Z stands for a diradical selected from the group consisting of a single bond, C<sub>2</sub>-C<sub>6</sub>alkylene substituted one to three times with C<sub>1</sub>-C<sub>4</sub>alkyl or C<sub>1</sub>-C<sub>4</sub>alkoxy, or naphthylene.

**26. (new):** Fluorescent diketopyrrolopyrroles ("DPP") represented by formula I according to claim 23 wherein Ar<sub>1</sub>' and Ar<sub>2</sub>' independently from each other, stand for



, julodidyl,



which can be substituted one to four times with C<sub>1</sub>-C<sub>4</sub>alkyl or C<sub>1</sub>-C<sub>4</sub>alkoxy,

or 2- or 9-fluorenyl.